

	U	1	Document ID	Issue Date	Pages	Title
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5489742 A	19960206	24	Transgenic rats and animal models of inflammatory disease
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	WO 9739117 A1	19971023	86	CONDITIONALLY IMMORTALISED CELL LINES DERIVED FROM TRANSGENIC ANIMALS
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	JP 2000228930 A	20000822	9	TRANSGENIC RAT INTRODUCED WITH IMMORTALIZING GENE
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	JP 2000228930 A	20000822	9	New transgenic rat is useful for establishing immortalized cell lines



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(21) International Application Number: PCT/GB97/01063 (22) International Filing Date: 17 April 1997 (17.04.97) (30) Priority Data: 9607953.8 17 April 1996 (17.04.96) GB (71) Applicant (for all designated States except US): THE UNIVERSITY OF LIVERPOOL [GB/GB]; Senate House, Abercromby Square, Liverpool L69 3BX (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): RUDLAND, Philip, Spencer [GB/GB]; Dept. of Biological Sciences, The University of Liverpool, Liverpool L69 3BX (GB). BAR-RACLOUGH, Barry, Roger [GB/GB]; Dept. of Biological Sciences, The University of Liverpool, Liverpool L69 3BX (GB). KILTY, Iain, Charles [GB/GB]; Dept. of Biological Sciences, The University of Liverpool, Liverpool L69 3BX (GB). DAVIES, Barry, Robert [GB/GB]; Addenbrooks Hospital, P.O. Box 238, Cambridge CB2 2QQ (GB). SCHMIDT, Guenter [DE/GB]; 13 Station Road, Cambridge CB1 2JB (GB).		(74) Agent: W.P. THOMPSON & CO., Coopers Building, Church Street, Liverpool L1 3AB (GB). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: CONDITIONALLY IMMORTALISED CELL LINES DERIVED FROM TRANSGENIC ANIMALS (57) Abstract <p>The invention relates to mammalian cell lines and transgenic mammals. More particularly, it relates to a method for producing a rat cell line, a method for producing a transgenic rat, a transgenic rat, a rat cell line, cells and tissue obtained therefrom and uses therefore. The cell line derived from a transgenic mammal comprises: (i) a conditional oncogene, transforming gene or immortalising gene or a cell cycle affecting gene; and (ii) a cell type specific promoter. They include a neuronal cell line in which the cell type specific promoter is an NF-L gene promoter, and a mammary cell line in which the cell type specific promoter is a MMTV gene promoter. The conditional oncogene, transforming gene or immortalising gene is preferably a SV40tsA58 gene.</p>		

CLIPPEDIMAGE= JP02000228930A
PAT-NO: JP02000228930A
DOCUMENT-IDENTIFIER: JP 2000228930 A
TITLE: TRANSGENIC RAT INTRODUCED WITH IMMORTALIZING GENE

PUBN-DATE: August 22, 2000

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APPL-NO: JP10064059

APPL-DATE: February 27, 1998

INT-CL_(IPC): A01K067/027; C12N005/10 ; C12N015/09

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain the subject rat useful for screening about safety or validity of a medicinal agent, studies of differentiation or function of various organs by introducing an immortalizing gene obtained by introducing a specific large T antigen gene into a totipotent cell of a rat.

SOLUTION: This transgenic rat is obtained by introducing an immortalizing gene a large T antigen gene of an SV40 temperature sensitive mutant strain tsA58 into a totipotent cell of a rat. Preferably, a tissue cell of an organ of the transgenic rat is collected and subcultured to establish an immortalizing cell strain and the immortalizing cell strain has a permanent reproduction potency at 33-37

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DERWENT-ACC-NO: 2000-614859
DERWENT-WEEK: 200059
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TITLE: New transgenic rat is useful for establishing immortalized cell lines

PATENT-ASSIGNEE: YS NEW TECHNOLOGY KENKYUSHO[YSNEN]

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C12N005/10

ABSTRACTED-PUB-NO: JP2000228930A

BASIC-ABSTRACT: NOVELTY - A transgenic rat (I) comprising an integrated immortalized gene prepared by introduction of a large T-antigen gene of SV40 temperature sensitive mutant strain tsA58 in totipotency cells of rat, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a process for establishing an immortalized cell line by collecting the tissue cells of rat organ from (I).

USE - Preparation of immortalized cells of organs including kidneys and testes of transgenic animals.

ADVANTAGE - Immortalized cells can be used for screening of safety and efficacy of investigational drugs, diagnosis of functional disorders of organs and investigation of differentiation and functions of cells.

CHOSEN-DRAWING: Dwg.0/3

TITLE-TERMS:

NEW TRANSGENIC RAT USEFUL ESTABLISH CELL LINE

DERWENT-CLASS: B04 D16 P14

CPI-CODES: B04-F0100E; B04-P01A0E; B12-K04; D05-H08; D05-H16A;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M710 M720 M905 N135 N136 N137 P831 Q233

Specific Compounds

A00GTN A00GTP

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-184496

Non-CPI Secondary Accession Numbers: N2000-455456